

[bio_div] ASEE BED Announcements: 4/1/24

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Dear BED Members:

Happy April! We have a lot to celebrate in this set of announcements-- our ASEE BED members are doing amazing things. Learn more below.

For authors, remember to submit your revised paper drafts to NEMO by today (4/1).

Sarah I. Rooney, ASEE BED Division Chair
University of Delaware

This email has been sent using the Biomedical Engineering Division ASEE listserv. Please do not respond to this email address. Responses can be sent to srooney@udel.edu.

ASEE BED Announcements for 4/1/24

Red = last time announcement is included in newsletter

Congratulations Corner

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2. Dr. Yanfen Li Receives Grant from the Women's Foundation of Boston
3. Submit Your Accomplishments

Announcements

1. ---

Participate

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2. **ASEE BED Education Showcase- Call for Participation**

Learn

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2. Biomedical Engineering Education Community (BEEC) Resources
3. ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Virtual Workshop Recordings

Open Positions

1. **Purdue Indianapolis: BME Instructional Lab Supervisor**
2. **Boston College: Teaching Track Faculty Position in Engineering**

Call for Newsletter Content

Congratulations Corner

1. AIMBE College of Fellows 2024

The American Institute for Medical and Biological Engineering (AIMBE) announced the election of 152 new members of the AIMBE College of Fellows in recognition of their distinguished and continuing achievements in medical and biological engineering. Election to the AIMBE College of Fellows is among the highest professional distinctions accorded to a medical and biological engineer. The College of Fellows is comprised of the top two percent of medical and biological engineers. College membership honors those who have made outstanding contributions to engineering and medical research, practice, or education and for pioneering new and developing fields of technology, making major advancements in traditional fields of medical and biological engineering, or developing/implementing innovative approaches to bioengineering education.

I especially want to celebrate the new AIMBE Fellows who are also ASEE BED members:

- Timothy Allen, University of Virginia
- Bernard Choi, University of California, Irvine
- Eileen Haase, The Johns Hopkins University
- Brian Helmke, University of Virginia
- Stacy Klein-Gardner, Vanderbilt University
- Laurel Kuxhaus, Clarkson University
- Ruth Ochia, Temple University

The full list is available [here](#), which includes links to each person's induction letter, highlighting their accomplishments. I find it inspiring to read about our ASEE BED members! Please join me in warmly congratulating them!

2. Dr. Yanfen Li Receives Grant from the Women's Foundation of Boston

Dr. Yanfen Li, Assistant Professor at University of Massachusetts Lowell, received a grant from the Women's Foundation of Boston to identify barriers women high school students face when pursuing postsecondary education and workforce training. This project aims to gather information on women students in the Massachusetts area which can be used to inform policy and financial decisions. News release [here](#).

3. Submit Your Accomplishments

Submit [this short form](#) to be featured in an upcoming ASEE Biomedical Engineering Division newsletter to highlight member accomplishments (self-submit or submit on behalf of someone you know). We will highlight accomplishments that are related to BME education and induction of ASEE BED members as fellows of related professional organizations (e.g., BMES, AIMBE). Seeing the teaching and career-related accomplishments of colleagues in education-focused roles has served as important inspiration for me over the years, and I hope it will do the same for you!

General Announcements

1. ---

Participate

1. BE NSPIRE - Biomedical Engineering Network of Students and Post-docs in Research and Education

Mission - A Biomedical Engineering Hub for Connecting Minds and Advancing Knowledge for Transformative Educational Experiences

We are a hub for students/post-docs to engage in research discussions, novel teaching practices, and networking opportunities in Biomedical Engineering. Our online forums, workshops, seminars, and collaborative initiatives will unite the next generation of Biomedical Engineering educators. Please [use this link](#) to join our Slack! If you have any further questions, concerns, or comments please contact: be.nspire0@gmail.com

2. ASEE BED Education Showcase- Call for Participation

Attending ASEE 2024 in Portland? Have a classroom activity to share with the BED? Keep reading to learn how to sign up for a low stakes (but fun!) ASEE BED session where you can share an effective BME classroom activity with others.

The 2nd annual BME Education Showcase is Recruiting Participants: BME educators will get 5 minutes to demonstrate their most effective classroom activities, such as icebreakers, hands-on activities, team building, classroom demonstrations, technology tips, classroom DEI initiatives, low-cost solutions/activities, or pedagogical strategies. No idea is too small! Last year was a blast and we are looking to continue to build excitement around the small (but mighty) things we do in our classrooms. And – as a bonus – we encourage participants to list your involvement on your CV.

The Showcase will be held during the ASEE annual conference on Tuesday, June 25, 2024. There will be an expectation to make your materials available to the BED community after the conference

Submit your idea [here](#) by May 3rd, 2024

Presenters chosen will be notified by June 1, 2024

Google Form link: <https://forms.gle/LiBeFHC28c2hBous9>

Learn

1. Tidbit: AI in the classroom

In my quest to find ways to usefully incorporate AI into the classroom, I stumbled upon this site. I particularly like the (slowly growing) list of assignments people have submitted!

<https://aipedagogy.org/>

Submitted by: LeAnn Dourte, Practice Associate Professor, University of Pennsylvania

2. Biomedical Engineering Education Community (BEEC) Resources

BEEC's website contains recordings, slides, and resources for the biomedical engineering education community. Need ideas for what textbook to use in your BME course? Alternative grading techniques? Funding opportunities in engineering education? Learning more about educational research? Find this and much, much more!

3. ASEE Commission on Diversity, Equity, and Inclusion (CDEI) - Virtual Workshop Recordings

Check out Virtual Workshop Recordings on CDEI's [YouTube Playlist](#)

Check out CDEI:

- LinkedIn: https://www.linkedin.com/company/asee_cdei/
- Twitter: @ASEEDiversity
- Blog: <https://diversity.asee.org/deicommitee/blog/>

Position Announcements

Note: We advertise positions that have a BME education focus to ensure relevance to our BED members. Advertisements may include the following: teaching-focused faculty (TT or NTT) or staff positions, TT positions at PUI or R2+ institutions that have a larger workload and emphasis on teaching, and TT positions that allow for educational scholarship instead of traditional engineering research. If submitting a job posting, please ensure it meets these criteria.

1. Purdue Indianapolis: BME Instructional Lab Supervisor

The primary responsibility of the Instructional Lab Supervisor will be the instruction and implementation of instructional laboratory courses for the Weldon School of BME in Indianapolis. This includes sophomore and junior-level instructional lab courses, as well as the Junior and Senior Design courses. The Lab Supervisor will order, store, and maintain laboratory materials, equipment, and specimens, including live cultures. This includes both mammalian and bacterial cell cultures. The Lab Supervisor will also maintain all laboratory spaces and equipment in a clean, safe, and functional condition. Additionally, the Lab Supervisor will assist faculty in curriculum development, laboratory protocol testing, and written manual preparation. This position will supervise and train both graduate and undergraduate level laboratory teaching assistants in course and safety protocols, oversee course grading, and will maintain course documentation for ABET accreditation.

[https://careers.purdue.edu/job/Indianapolis-Instructional-Lab-Supervisor-\(Indianapolis\)-IN-46201/29653-en_US/](https://careers.purdue.edu/job/Indianapolis-Instructional-Lab-Supervisor-(Indianapolis)-IN-46201/29653-en_US/)

Questions: Dr. Steve Higbee, shigbee@iupui.edu

2. Boston College: Teaching Track Faculty Position in Engineering

The Department of Engineering in the Morrissey College of Arts and Sciences at Boston College invites applications for a non-tenure-track teaching faculty position in the areas of energy, environment, and health at the Assistant or Associate Professor of the Practice rank. Launched in Fall 2021, the Department of Engineering offers a Human-Centered Engineering major (B.S. in Engineering). The program positions students to tackle the technological, human, and societal dimensions of major global challenges in health, energy, and the environment by integrating Boston College's liberal arts foundation, engineering science and fundamentals, entrepreneurial practices, design and systems thinking, and service-oriented project experiences. Applicants must possess a doctorate in an engineering discipline by the start date of the position. We seek faculty candidates who are committed to innovative undergraduate engineering education, and driven by a desire to have a positive impact in both the academy and the wider society. Successful candidates will demonstrate potential for innovative curriculum development, and excellence in teaching and mentoring of undergraduate students, and will be committed to creating inclusive and equitable learning opportunities for all students.

Apply using this [link](#)

Please direct questions to search committee chair, Siddharta Govindasamy (govindsi@bc.edu).

Call for Newsletter Content

The ASEE BED bi-monthly newsletter is a place to share general announcements, open positions, BME education resources, Tidbits, etc. To send an announcement via the BED newsletter, please prepare a 2-3 paragraph description including any relevant URLs and contact info as well as a subject line. **Do not include any attachments.** Be sure that the announcement includes the person to contact with questions. Email all of this information to Sarah Rooney at srooney@udel.edu with [BED Announcement] in the subject line to facilitate email sorting. Announcements will be sent out approximately on the 1st and 15th of each month. **Each set of announcements will be included in the newsletter twice.** Announcements will also be recorded on the BED website (<https://sites.asee.org/bed/>) and HUB (<https://aseehub.asee.org/groups/home/34#active-group-members>). To submit a Tidbit, use the same process described above AND label it as a Tidbit and include your name and title/affiliation.

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Advising sign-up [link](#)